(Excerpt)

- (11) Japan Patent No. 3,691,497 (JP 3691497 B2)
- (45) Publication Date: September 7, 2005
- (24) Patent Registration Date: June 24, 2005
- (21) Application No. 2003-163724 (P2003-163724)
- (22) Filing Date: June 9, 2003
- (65) Unexamined Patent Publication No. 2004-73186 (P2004-73186A)
- (43) Laid Open: March 11, 2004
- (31) Priority claimed:

 Japan Patent Appln. No. 2002-180591 (P2002-180591)
- (32) Priority Date: June 20, 2002
- (73) Patent Owner: Fuji Bio Technology Institute Co. Ltd.
- (72) Inventor: Kunihiko KODAKA
- (56) Cited Documents:

JP Hei 5-244979 A (JP5244979 1993-09-24)
JP Shou 61-195651 A (JP61195651 1986-08-29)
JP 2003-180290 A
JP Hei 10-57016 A (JP10057016 1998-03-03)

WHAT IS CLAIMED IS:

Claim 1

A method for producing amino acids and peptides, which comprises treating ozonized water-treated fish egg skins with a proteolytic enzyme produced by a microorganism of the <u>Bacillus</u> genus to degrade contractile proteins which constitute the fish egg skin.

Claim 2

A method for producing amino acids and peptides, which comprises treating ozonized water-treated fish egg skins with a proteolytic enzyme produced by a microorganism of the Bacillus genus and a proteolytic enzyme produced by a

microorganism of the $\underline{Aspergillus}$ genus to degrade contractile proteins which constitute the fish egg skin.

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CERTIFICATE OF PATENT

FOR INVENTION

Serial Number of Patent Certificate: 256544

TITLE OF INVENTION

無卵外皮の酵素分解による了ミノ酸成分の製法

Inventor(s):

KODAKA Kunihiko

Patent No.: ZL03148699.1

Date of Filing: June 19, 2003

Patentee(s): FUJI BIO TECHNOLOGY, INSTITUTE CO., LTD

After the substantive examination pursuant to the Patent Law of the People's Republic of China, the patent right is hereby granted to the application by this office.

Tian Lipu
Director General
PATENT OFFICE of
People's Republic of China